

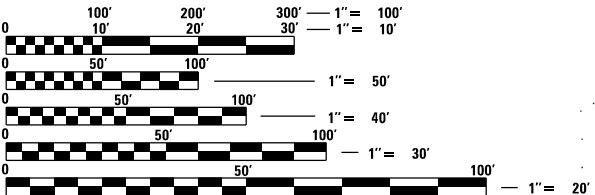
SHEET NO.	DESCRIPTION
1.	COVER SHEET, INDEX OF SHEETS
2.	GENERAL DATA
3.-4.	JEFFERSON STREET BRIDGE OVER THE ROCK RIVER
5.	WHITMAN STREET BRIDGE OVER THE ROCK RIVER
6.	10TH AVENUE BRIDGE OVER KEITH CREEK
7.	APPLEWOOD LANE BRIDGE OVER SPRING CREEK
8.	BMO HARRIS BANK CENTER PEDESTRIAN BRIDGE OVER CHURCH STREET

FOR LIST OF STATE STANDARDS SEE SHEET 2

J.U.I.E.
JOINT
UTILITY
LOCATION
INFORMATION FOR
EXCAVATION
CALL 811



Know what's below.
Call before you dig.



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123



HRGreen

420 N. FRONT STREET | McHENRY, ILLINOIS 60050
Phone: 815.385.1778 | Toll Free: 800.728.7805 | Fax: 815.385.1781 | HRGreen.com
ILLINOIS PROFESSIONAL DESIGN FIRM #184-001322

PROJECT ENGINEER: STEVEN L. SCHWARZ, S.E., P.E.
PROJECT MANAGER: ANDREW E. UNDERWAGER, S.E., P.E.

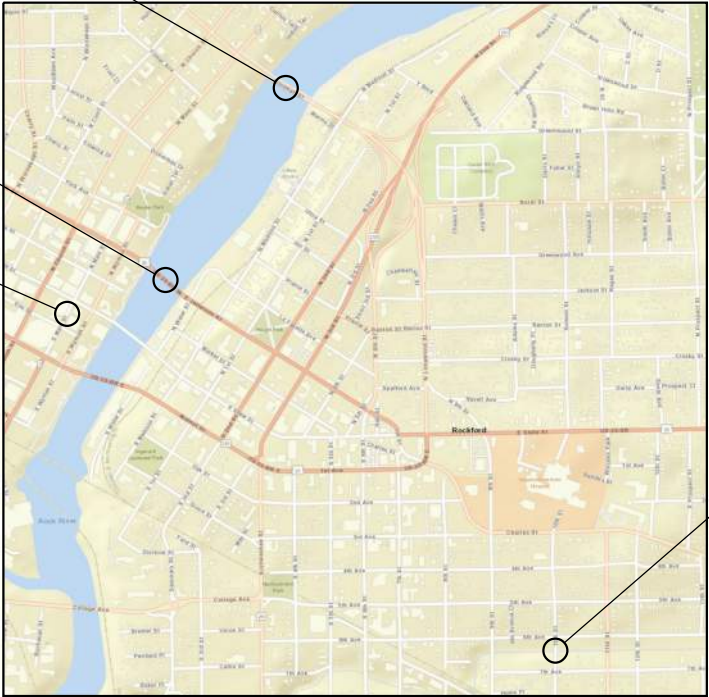
CITY OF ROCKFORD

PLANS FOR PROPOSED
BRIDGE REPAIRS

PROJECT LOCATION
WHITMAN STREET BRIDGE
OVER THE ROCK RIVER

PROJECT LOCATION
JEFFERSON STREET BRIDGE
OVER THE ROCK RIVER

PROJECT LOCATION
BMO HARRIS BANK
CENTER PEDESTRIAN
BRIDGE



LOCATION MAP

PROJECT LOCATION
10TH AVENUE BRIDGE
OVER KEITH CREEK

PROJECT LOCATION
APPLEWOOD LANE
OVER SPRING CREEK



LOCATION MAP

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WINNEBAGO	8	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.		




CITY OF ROCKFORD

APPROVED _____ (DATE) _____


CITY OF ROCKFORD, CITY ENGINEER

STRUCTURAL ENGINEER'S SIGN & SEAL

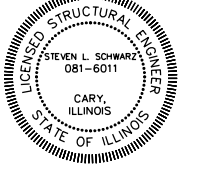


STEVEN L. SCHWARZ, S.E., P.E.

6/23/2022
DATE
11/30/2022
EXPIRES



HRGreen



GENERAL NOTES:

1.

Unless noted in the project Specifications, the most recent version of the IDOT Standard Specifications for Road and Bridge Construction, including the most recent version of the Supplemental Specifications and Recurring Special Provisions shall govern execution of this project, including the General Requirements in Division 100.
2.

Plan dimensions and details relative to existing structures have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price for the work.
3.

Traffic Control will generally consist of Day Time Lane Closures utilizing the State Standards listed at right. The City expects a single lane in each direction to remain open to traffic at all times. Lane closures between 9:00 AM and 3:30 PM weekdays will be allowed.

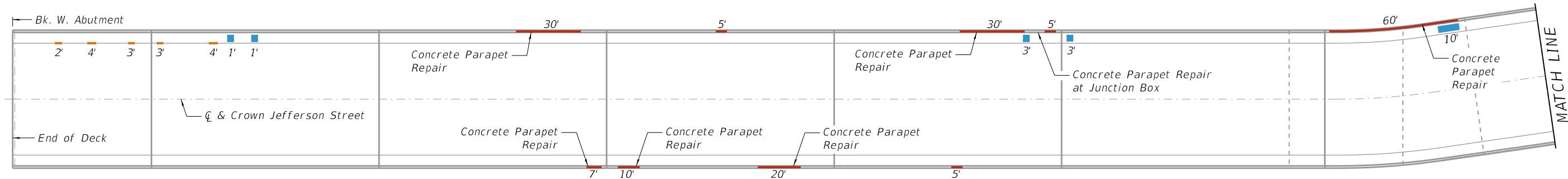
SUMMARY OF QUANTITIES

ITEM	UNIT	QUANTITY
Structural Repair of Concrete (Depth equal to or less than 5 in.)	Sq. Ft.	567
Structural Repair of Concrete (Depth greater than 5 in.)	Sq. Ft.	8
Traffic Control and Protection, Special	Lump Sum	3
Anchor Bolt Tightening	Lump Sum	1
Pedestrian Handrail, Special	Foot	96
Wingwall Repair, Special	Lump Sum	1
Silicone Bridge Joint Sealer	Foot	12
Cleaning and Painting Steel Bridge	Lump Sum	1
Containment and Disposal of Non-Lead Paint Cleaning Residues	Lump Sum	1

LIST OF STATE STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES

HRG PROJECT NO.: 191860
HRG PROJ. CONTACT:
FILE NAME: 191860\16 Str. gen.dgn
PLOT DRIVER: IL_Pdf_color.plt.ctb
PEN TABLE: plotTable.tbl



PLAN



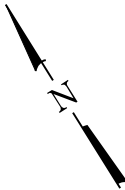
Typical Curb Repair



Typical Sidewalk Repair



Parapet Repair at Junction Box



LEGEND

- Concrete Parapet Repair
(Length (Ft) as noted on plan)
Height is assumed to be 1.5'
- Concrete Curb and Gutter Repair
(Length (Ft) as noted on plan)
Height is assumed to be 0.75'
- Concrete Sidewalk Repair
(Area (SF) as noted on plan)

Note:
Parapet and sidewalk repairs will paid for as
Structural repair of Concrete (Depth equal to or less than 5 in.)

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth equal to or less than 5 in.)	Sq. Ft.	505
Traffic Control and Protection, Special	L. Sum	1

Scope of Work
Sidewalk / Parapet Concrete Repairs

HRG PROJECT NO. 18860
HRG PROJ. CONTACT:
FILE NAME: 18-605-Str_Jefferson over Rock River-Oldgn
PLOT DRIVER: IL_Pdf_color.pltcfp
PEN TABLE: plotlabel.tbl



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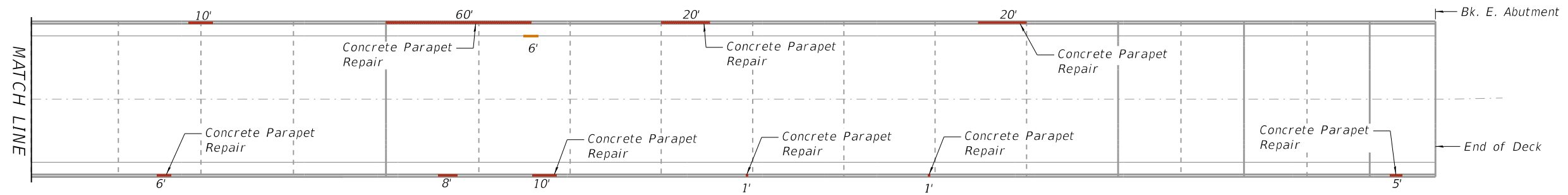
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	CHECKED - SLS	REVISED -
PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 6/23/2022	CHECKED - AEU	REVISED -

CITY OF ROCKFORD

JEFFERSON STREET BRIDGE OVER THE ROCK RIVER
STRUCTURE NO. 101-6135

SHEET NO. 1 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0525	91.00397-00-BR	WINNEBAGO	8	3
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PLAN



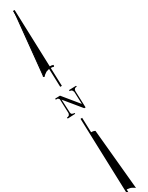
Typical Curb Repair



Typical Upper Parapet Repair

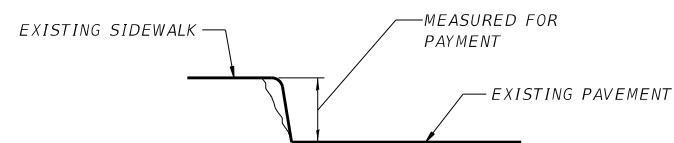


Typical Concrete Parapet Repair



LEGEND

- Concrete Parapet Repair
(Length (Ft) as noted on plan)
Height is assumed to be 1.5'
- Concrete Curb and Gutter Repair
(Length (Ft) as noted on plan)
Height is assumed to be 0.75'
- Concrete Sidewalk Repair
(Area (SF) as noted on plan)



STRUCTURAL REPAIR OF CONCRETE
(DEPTH EQUAL TO OR LESS THAN 5 in.)

Note:
Parapet and sidewalk repairs will paid for as
Structural repair of Concrete (Depth equal to or less than 5 in.)

Scope of Work
Sidewalk / Parapet Concrete Repairs

HRG PROJECT NO. 181860
HRG PROJ. CONTACT:
FILE NAME: 181860-Str. Jefferson over Rock River-02.dgn
PLOT DRIVER: IL_Pdf_color.plt.ctb
PEN TABLE: plotlabel.tbl



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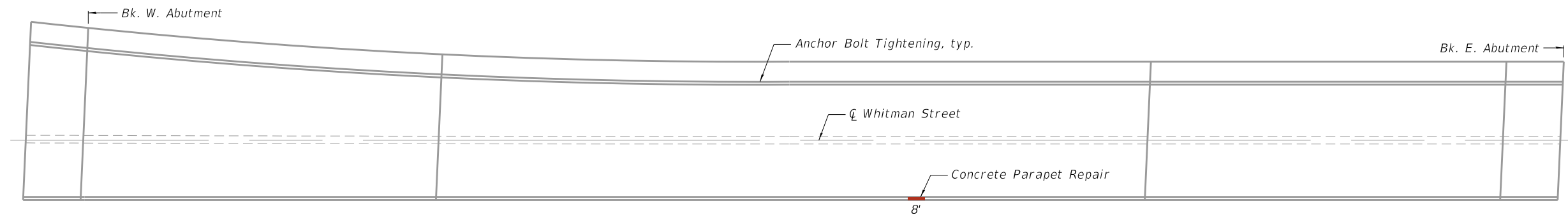
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PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 6/23/2022	CHECKED - AEU	REVISED -

CITY OF ROCKFORD

JEFFERSON STREET BRIDGE OVER THE ROCK RIVER
STRUCTURE NO. 101-6135

SHEET NO. 2 OF 2 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0525	91.00397-00-BR	WINNEBAGO	8	4
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



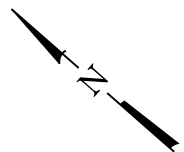
PLAN



Typical Anchor Bolt Tightening



Parapet Repair



LEGEND

Concrete Parapet Repair
(Length (Ft) as noted on plan)
Height is assumed to be 7"

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth greater than 5 in.)	Sq. Ft.	5
Anchor Bolt Tightening	L. SUM	1
Traffic Control and Protection, Special	L. SUM	1

Scope of Work
Parapet Concrete Repairs, Anchor Bolt Tightening

Note:
Cost to supply stainless steel nuts and washers
for the missing ones is included in the cost of
Anchor Bolt Tightening.

HRG PROJECT NO.: 181860
HRG PROJ. CONTACT:
FILE NAME: 181860-Str. Whitman over Rock River-Oldgn
PLOT DRIVER: IL_Pdf_color.pltcfp
PEN TABLE: plotabel.tbl



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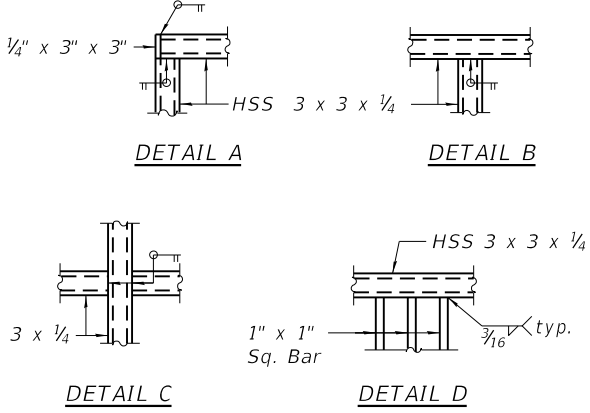
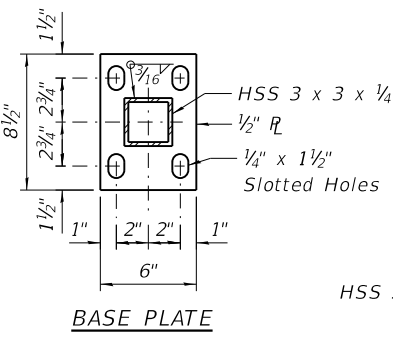
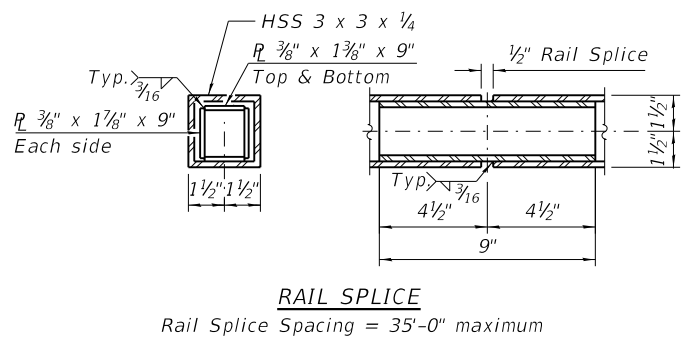
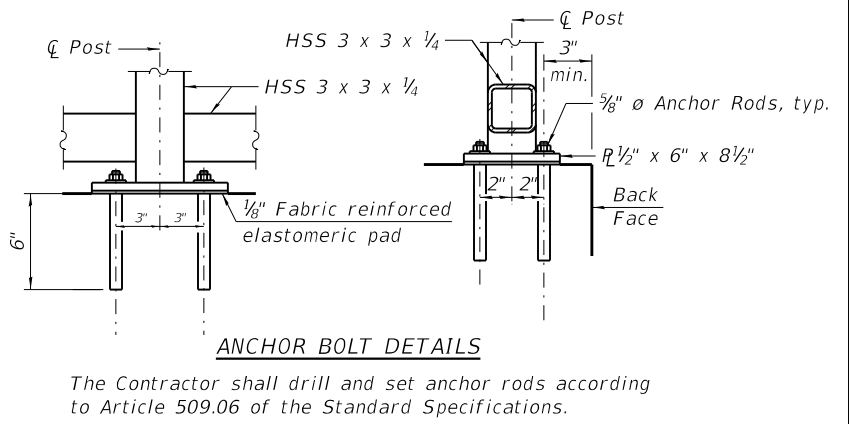
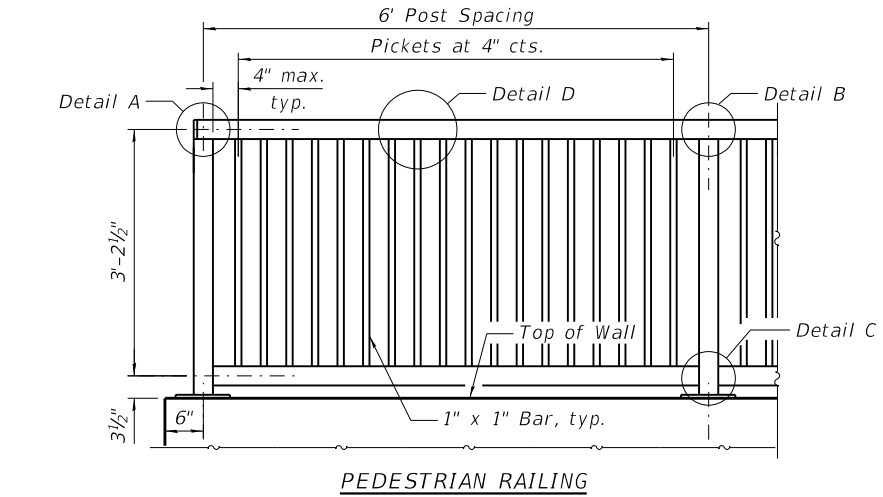
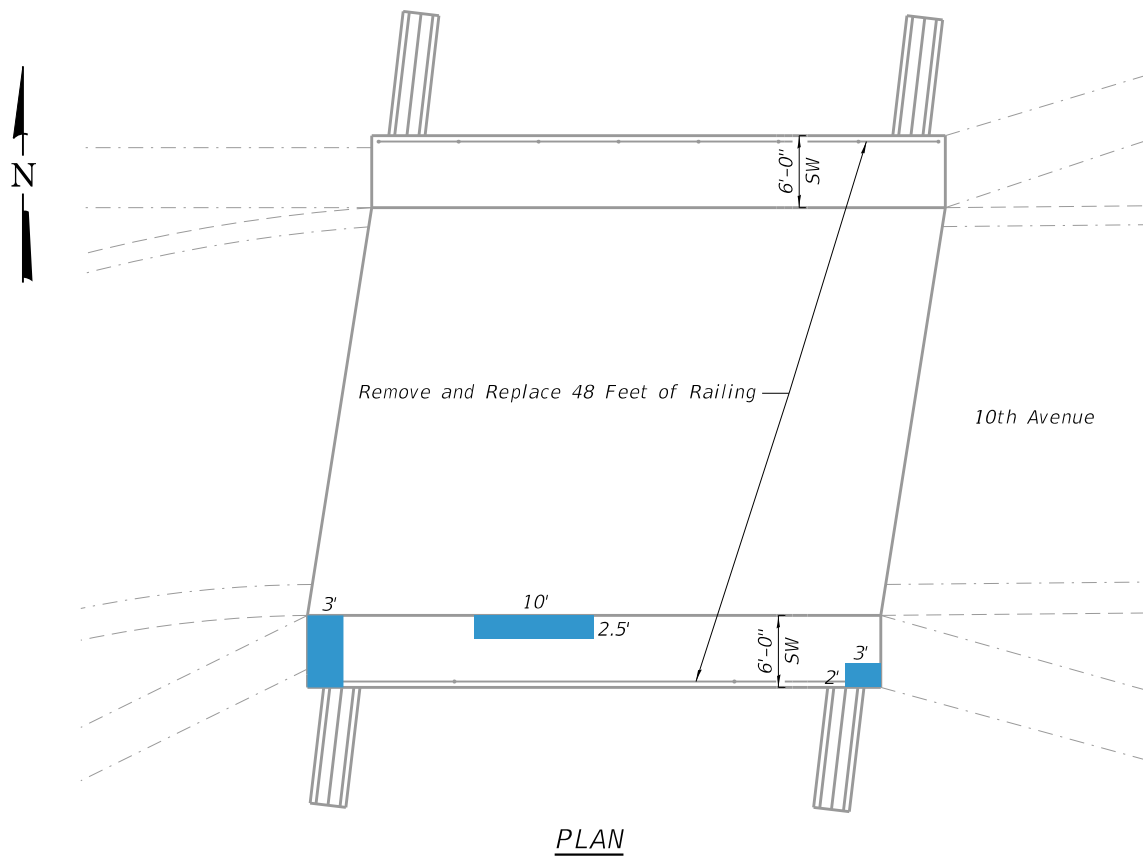
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PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 6/23/2022	CHECKED - AEU	REVISED -

CITY OF ROCKFORD

WHITMAN STREET BRIDGE OVER THE ROCK RIVER
STRUCTURE NO. 101-6136

SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0734	94-00444-00-BR	WINNEBAGO	8	5
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



- Notes
- Removal and disposal of existing railing is included in the cost of Pedestrian Handrail, Special.
 - See Special Provisions for additional information
 - Locate new railing 5' from face of curb.



Typical Concrete Repair



Existing Fence - South Side



Existing Railing - North Side

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth equal to or less than 5 in.)	Sq. Ft.	49
Pedestrian Handrail, Special	Foot	96
Traffic Control and Protection, Special	L. SUM	1

Scope of Work
Concrete Repairs, Remove and Replace Railings

LEGEND

Concrete Sidewalk Repair
(Area (SF) as noted on plan)

HRG PROJECT NO. 18860
HRG PROJ. CONTACT:
FILE NAME: 10-6042 Str. 10th Ave over Keith Creek.dgn
PLOT DRIVER: L.Lodf-color.plt
PEN TABLE: plotabel.tbl



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	CHECKED - SLS	REVISED -
PLOT SCALE =	DRAWN - WJH	REVISED -
PLOT DATE = 6/23/2022	CHECKED - AEU	REVISED -

CITY OF ROCKFORD

10th AVENUE BRIDGE OVER KEITH CREEK
STRUCTURE NO. 101-6042

SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3256		WINNEBAGO	8	6
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

HRG PROJECT NO.: 191860
HRG PROJ. CONTACT:
FILE NAME: 191860\16 Str Applewood Lane over Spring Creek.dgn
PLOT DRIVER: IL_Pdf_color.plt.ctb
PEN TABLE: plotlabel.tbl



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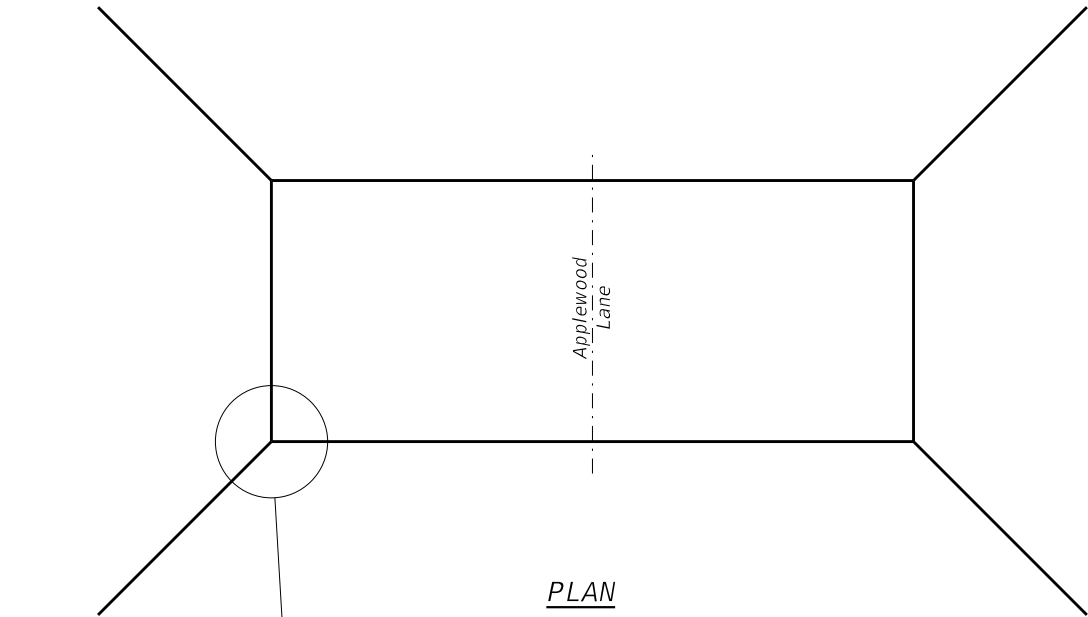
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PLOT DATE = 6/23/2022	CHECKED - AEU	REVISED -

CITY OF ROCKFORD

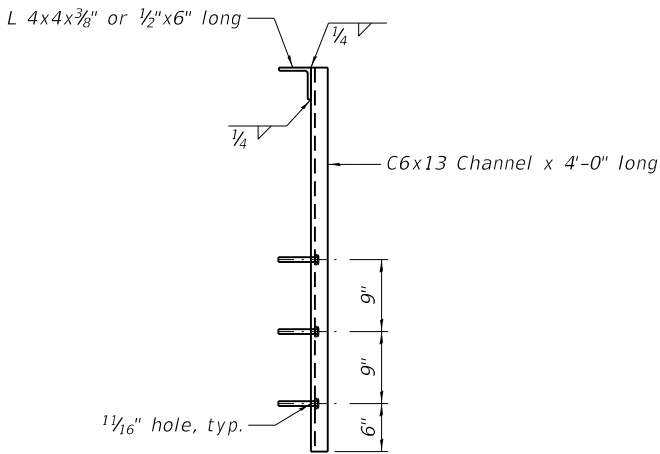
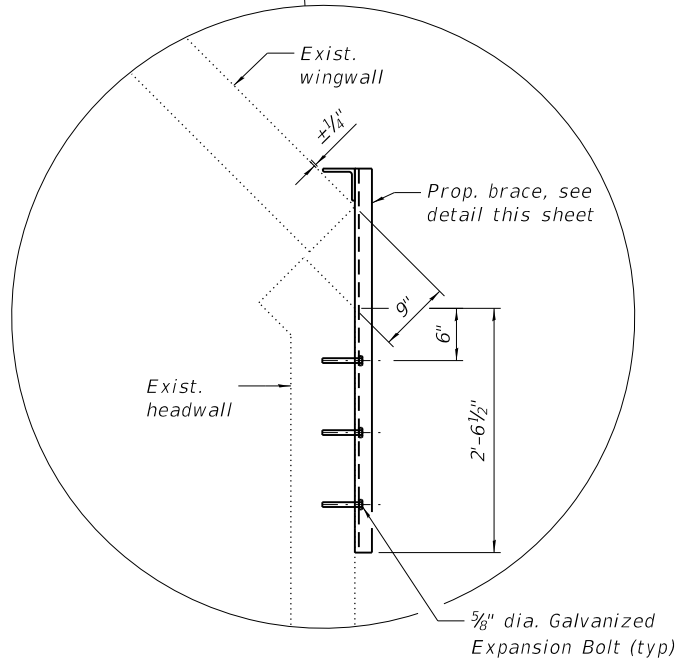
APPLEWOOD LANE BRIDGE OVER SPRING CREEK
WINGWALL REPAIR

SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WINNEBAGO	8	7
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				



PLAN



BRACE DETAIL



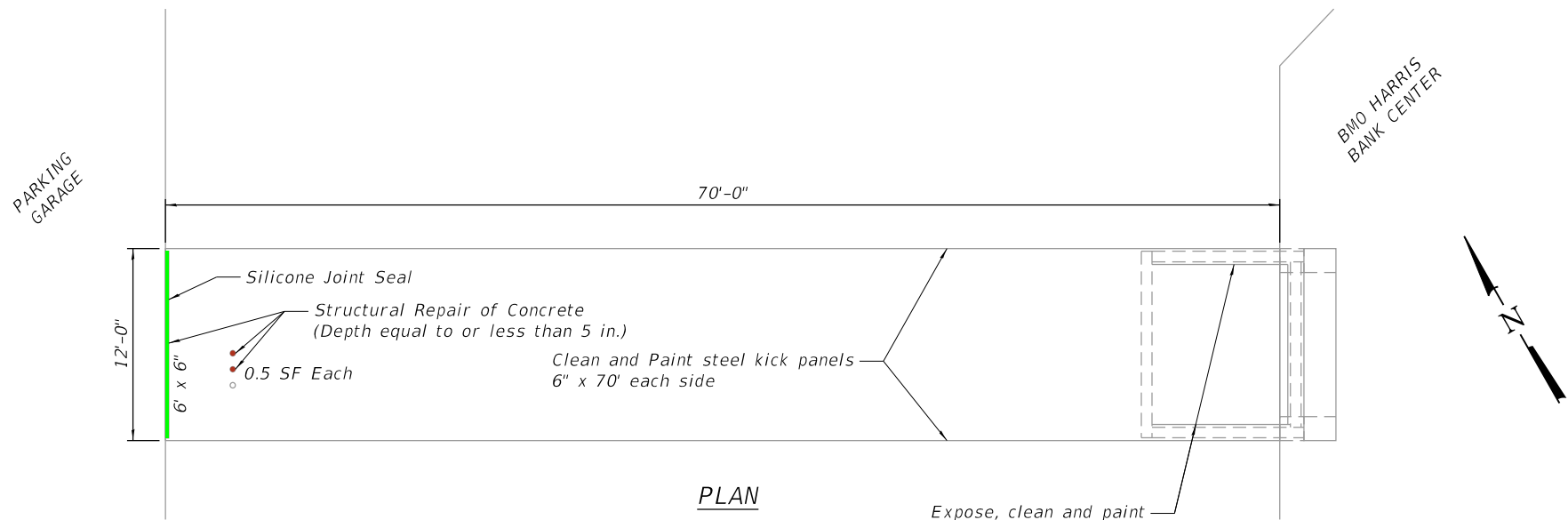
Notes:

1. Attach to side of south west culvert wall \pm 1'-0" down from bottom of top slab with $\frac{5}{8}$ " dia. Galvanized Expansion Anchors.
2. Adjust final height of bracket so 4x4 angle provides a clearance of $\frac{1}{4}$ " to the rotated southwestern wingwall.
3. See Special Provisions for additional information.

BILL OF MATERIAL

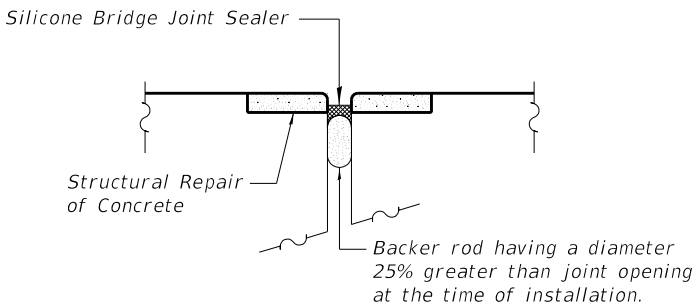
ITEM	UNIT	TOTAL
Wingwall Repair, Special	L. SUM	1

Scope of Work
Install wingwall repair bracket

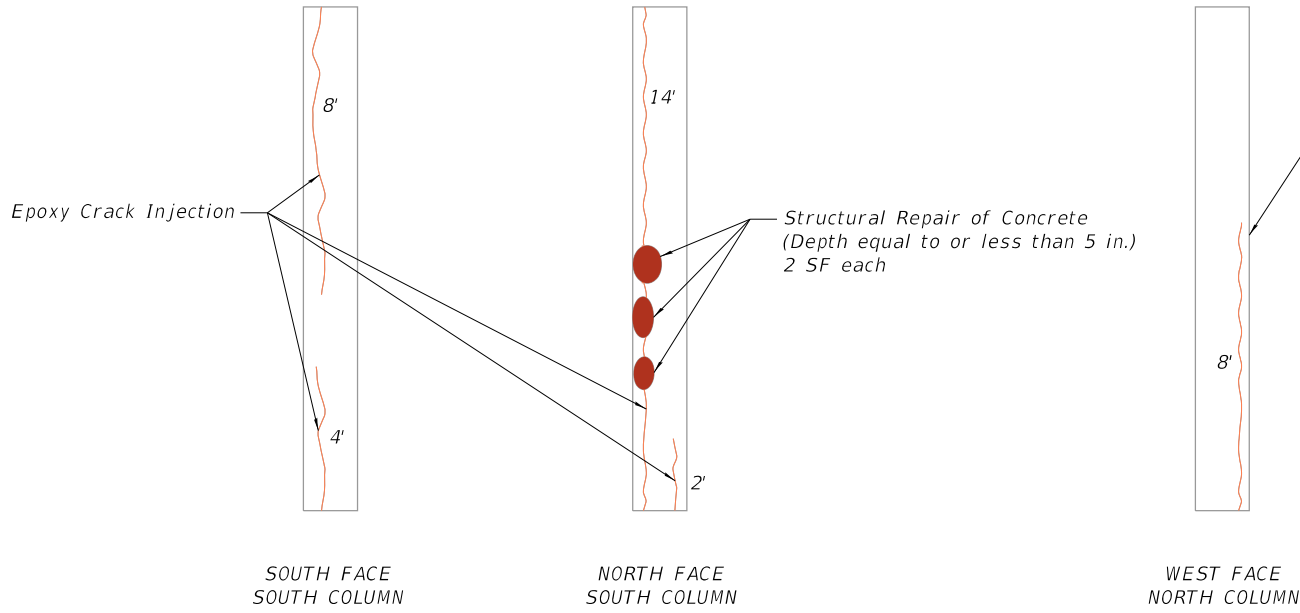


PLAN

Expose, clean and paint existing steel support structure (500 SF assumed)



SILICONE BRIDGE JOINT SEALER DETAIL



Notes:
Epoxy Crack Injection shall be per Section 590 of the IDOT Standard Specifications.

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth equal to or less than 5 in.)	Sq. Ft.	13
Epoxy Crack Injection	Foot	28
Silicone Bridge Joint Sealer	Foot	12
Cleaning and Painting Steel Bridge	L. SUM	1
Containment and Disposal of Non-Lead Paint Cleaning Residues	L. SUM	1

Scope of Work
Cleaning and Painting Steel, Expansion Joint Sealant, Concrete Repair, Epoxy Crack Injection



EXPANSION JOINT REPAIR



COLUMN REPAIR



CLEANING AND PAINTING STEEL

HRG PROJECT NO.: 198860
HRG PROJ. CONTACT:
FILE NAME: 1988016 Str. BMO Harris Center.dgn
PLOT DRIVER: IL_Pdf_color.ctb
PEN TABLE: plotlabel.tbl



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CITY OF ROCKFORD

BMO HARRIS BANK CENTER PEDESTRIAN BRIDGE
REPAIRS OVER CHURCH STREET

SHEET NO. 1 OF 1 SHEETS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WINNEBAGO	8	8
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				